

phenylenediamine, 2-isopropyl-para-phenylenediamine, N-(β -hydroxypropyl)-para-phenylenediamine, 2-hydroxymethyl-para-phenylenediamine, N,N-dimethyl-3-methyl-para-phenylenediamine, N,N-(ethyl- β -hydroxyethyl)-para-phenylenediamine, N-(β , γ -dihydroxypropyl)-para-phenylenediamine, N-(4'-aminophenyl)-para-phenylenediamine, N-phenyl-para-phenylenediamine, 2- β -hydroxyethyloxy-para-phenylenediamine, 2- β -acetaminoethyloxy-para-phenylenediamine, N-(β -methoxyethyl)-para-phenylenediamine, and acid-addition salts thereof,

double bases chosen from: N,N'-bis-(β -hydroxyethyl)-N,N'-bis(4'-amino-phenyl)-1,3-diaminopropanol, N,N'-bis(β -hydroxyethyl)-N,N'-bis(4'-aminophenyl)ethylenediamine, N,N'-bis-(4-aminophenyl)tetramethylenediamine, N,N'-bis(β -hydroxyethyl)-N,N'-bis(4-aminophenyl)tetramethylenediamine, N,N'-bis(4-methylaminophenyl)tetramethylenediamine, N,N'-bis-(ethyl)-N,N'-bis(4'-amino-3'-methylphenyl)ethylenediamine, 1,8-bis(2,5-diaminophenoxy)-3,5-dioxaoctane, and acid-addition salts thereof,

ortho-aminophenols chosen from: 2-amino-5-methylphenol, 2-amino-6-methylphenol, 5-acetamido-2-aminophenol, and acid-addition salts thereof,

pyridine compounds;

pyrimidine compounds;

pyrazole compounds; and

pyrazolopyrimidine compounds;

and addition salts thereof and the tautomeric forms thereof, when a tautomeric equilibrium exists;

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- at least one second oxidation base chosen from para-aminophenols and acid-addition salts thereof;
- at least one coupler chosen from meta-aminophenols and acid-addition salts thereof;
- at least one enzyme chosen from 2-electron oxidoreductases, and
- at least one donor for said at least one enzyme.

78. (New) A ready-to-use composition according to claim 77, wherein said at least one 2-electron oxidoreductase is chosen from pyranose oxidases, glucose oxidases, glycerol oxidases, lactate oxidases, pyruvate oxidases and uricases.

79. (New) A ready-to-use composition according to claim 77, wherein said at least one 2-electron oxidoreductase is chosen from uricases of animal, microbiological and biotechnological origin.

80. (New) A ready-to-use composition according to claim 77, wherein said at least one 2-electron oxidoreductase is present in an amount ranging from 0.01 to 20% by weight relative to the total weight of the composition.

81. (New) A ready-to-use composition according to claim 80, wherein said at least one 2-electron oxidoreductase is present in an amount ranging from 0.1 to 5% by weight relative to the total weight of the composition.

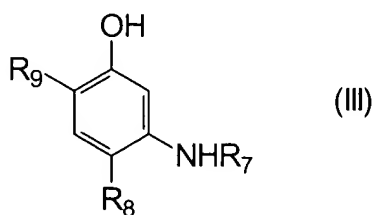
82. (New) A ready-to-use composition according to claim 77, wherein said at least one donor for said at least one 2-electron oxidoreductase is chosen from D-glucose, L-sorbose, D-xylose, glycerol, dihydroxyacetone, lactic acid and its salts, pyruvic acid and its salts, and uric acid and its salts.

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83. (New) A ready-to-use composition according to claim 82, wherein said at least one donor for said at least one 2-electron oxidoreductase is chosen from uric acid and its salts.
84. (New) A ready-to-use composition according to claim 77, wherein said at least one donor is present in an amount ranging from 0.01 to 20% by weight relative to the total weight of the composition.
85. (New) A ready-to-use composition according to claim 84, wherein said at least one donor is present in an amount ranging from 0.1 to 5% by weight relative to the total weight of the composition.
86. (New) A ready-to-use composition according to claim 77, wherein said at least one second oxidation base is present in an amount ranging from 0.0005 to 12% by weight relative to the total weight of the composition.
87. (New) A ready-to-use composition according to claim 86, wherein said at least one second oxidation base is present in an amount ranging from 0.005 to 6% by weight relative to the total weight of the composition.
88. (New) A ready-to-use composition according to claim 77, wherein said at least one coupler is chosen from meta-amino phenols of formula (III) below, and acid-addition salts thereof:



in which:

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- R₇ is chosen from a hydrogen atom, C₁-C₄ alkyl radicals, C₁-C₄ monohydroxyalkyl radicals and C₂-C₄ polyhydroxyalkyl radicals,
- R₈ is chosen from a hydrogen atom, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals and halogen atoms,
- R₉ is chosen from a hydrogen atom, C₁-C₄ alkyl radicals, C₁-C₄ alkoxy radicals, C₁-C₄ monohydroxyalkyl radicals, C₂-C₄ polyhydroxyalkyl radicals, C₁-C₄ monohydroxyalkoxy radicals, and C₂-C₄ polyhydroxyalkoxy radicals.

89. (New) A ready-to-use composition according to claim 88, wherein said at least one coupler of formula (III) is chosen from meta-aminophenol, 5-amino-2-methoxyphenol, 5-amino-2-(β -hydroxyethyloxy)phenol, 5-amino-2-methylphenol, 5-N-(β -hydroxyethyl)amino-2-methylphenol, 5-N-(β -hydroxyethyl)amino-4-methoxy-2-methylphenol, 5-amino-4-methoxy-2-methylphenol, 5-amino-4-chloro-2-methylphenol, 5-amino-2,4-dimethoxyphenol, 5-(γ -hydroxypropylamino)-2-methylphenol and acid-addition salts thereof.

90. (New) A ready-to-use composition according to claim 77, wherein said at least one coupler is present in an amount ranging from 0.0001 to 8% by weight relative to the total weight of the composition.

91. (New) A ready-to-use composition according to claim 90, wherein said at least one coupler is present in an amount ranging from 0.005 to 5% by weight relative to the total weight of the composition.

92. (New) A ready-to-use composition according to claim 77, wherein said at least one first oxidation base is present in an amount ranging from 0.0005 to 12% by weight relative to the total weight of the composition.

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93. (New) A ready-to-use composition according to claim 92 wherein said at least one first oxidation base is present in an amount ranging from 0.005 to 6% by weight relative to the total weight of the composition.

94. (New) A ready-to-use composition according to claim 77, wherein said acid-addition salts are chosen from hydrochlorides, hydrobromides, sulphates, tartrates, lactates and acetates.

95. (New) A ready-to-use composition according to claim 77, wherein said composition further comprises water or a mixture of water and at least one organic solvent.

96. (New) A ready-to-use composition according to claim 77, wherein said composition has a pH ranging from 5 to 11.

97. (New) A ready-to-use composition according to claim 77, further comprising at least one peroxidase.

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